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Director

State of Utah  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WATER QUALITY

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DOGM  
MINERALS PROGRAM  
FILE COPY

DE/045/028  
Reply to: State of Utah  
Division of Water Quality  
Department of Environmental Quality  
Salt Lake City, Utah 84114-4870

October 2, 1991

Mr. Deane Zeller, District Manager  
Bureau of Land Management  
2370 South 2300 West  
Salt Lake City, UT 84119

RE: Timberline Mine Leach  
Meteoric Water Mobility Testing

Dear Mr. Zeller:

We have reviewed the results of your tests using the subject testing procedure at the site. Meteoric Water Mobility Procedure tests indicate an average rinsate total cyanide of 1.11 mg/kg derived and calculated from the ore solid sample weight. We, therefore, deem the results of your neutralization efforts have been successful in meeting the standard requested, of 2 mg/l total cyanide and 1 mg/l WAD cyanide in the ore rinsates.

We consider the ore at this site to be neutralized, and the matter closed pertaining to this site. Please note, however, that our current cyanide neutralization policy is that *following neutralization, rinsate must meet the following criteria: Concentrations pH 6.5-7.5, WAD 150 ug/l, total cyanide of 0.75 mg/l, and metal content must meet State Water Quality MCL's.*

We appreciate the efforts of the BLM in improving the environment. Please call Mr. Dave Rupp if you have any questions.

Sincerely,

Don A. Ostler, P.E.  
Director

DAR:rvg

cc: Myron Bateman, Tooele County Health Dept.  
Division of Oil, Gas, and Mining

N:TMRR8-15.91  
FILE:TIMBERLINE MINE INDUSTR. WW

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OIL GAS & MINING